



**FILED**

02-16-07

02:25 PM

**BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**

Order Instituting Rulemaking to Examine the Commission's post-2005 Energy Efficiency Policies, Programs, Evaluation, Measurement and Verification, and Related Issues.

Rulemaking 06-04-010  
(Filed April 13, 2006)

**NOTICE OF PREHEARING CONFERENCE  
AND STAFF PROPOSAL FOR IMPLEMENTATION OF 2009 – 2011 ENERGY  
EFFICIENCY PORTFOLIO DEVELOPMENT AND LONG TERM GOALS UPDATE**

**NOTICE IS HEREBY GIVEN** that the Public Utilities Commission of the State of California will conduct a prehearing conference in the above-entitled matter before Commissioner Dian Grueneich and Administrative Law Judge Kim Malcolm on February 27, 2007 at 10:00 a.m. in the Commission Courtroom, State Office Building, 505 Van Ness Avenue, San Francisco, California.

At the prehearing conference, the Commission will address ways to manage the proceeding, relevant issues, and other procedural matters. The Commission will hear from the parties regarding whether the appropriate scope of issues to be considered in this proceeding are included in the attached draft staff proposal and strategies regarding how those issues should be explored and resolved. At the prehearing conference, the Commission will also discuss the following proposed schedule for this proceeding:

March 16	Comments on staff proposal and procedural strategy
March 29	Issuance of Scoping Memo and Ruling
April-June	Workshops, comments, hearings as required
July 2007	Proposed decision
August 2007	Final decision

Parties desiring expedited or daily transcripts should advise the Chief Hearing Reporter by telephone at (415) 703-2288, no later than three days prior to the first day of hearing.

If you have questions about the hearing date, time, or place, call the Calendar Clerk at (415) 703-1203.

Dated February 16, 2007, at San Francisco, California.

/s/ ANGELA K. MINKIN for  
Kim Malcolm  
Administrative Law Judge

**INFORMATION REGARDING SERVICE**

I have provided notification of filing to the electronic mail addresses on the attached service list.

Upon confirmation of this document's acceptance for filing, I will cause a copy of the filed document to be served upon the service list to this proceeding by U.S. mail. The service list I will use to serve the copy of the filed document is current as of today's date.

Dated February 16, 2007, at San Francisco, California.

\_\_\_\_\_/s/ SANDRA JACKSON\_\_\_\_\_  
Sandra Jackson

## **CPUC Staff Proposal for 2009-2011 Energy Efficiency Portfolio Development And Long-Term Efficiency Goals Update Process**

**February 16, 2007**

### **1. GOALS**

#### **Recommendations:**

- Continue to use already-adopted 2009-2011 goals from the original ten-year 2004-2013 goals.
- Focus time and personnel resources for 2009-2011 portfolios on best practice program design and implementation strategies.
- Assign “soft targets” within 2009-2011 goals for sectors (residential, commercial/institutional, industrial, agriculture) to better track progress against California’s sectoral strategies (e.g. “Green Building” goals). “Soft targets” are for strategy and tracking purposes, but do not interfere with overriding goals, resource planning and risk/reward incentive policies.
- Develop and adopt long-term goals for 2012 – 2020, including soft targets similar to those identified for 2009-2011.

#### **Rationale:**

- The Risk/Reward Incentive Mechanism (RRIM) framework likely will assess performance relative to defined quantified goals. Most proposals submitted in that phase of the proceeding endorse the idea of performance tiers, with varying views on how much progress towards goals is appropriate for performance rewards to commence. Goals are needed as a benchmark for performance.
- CPUC Energy Division and CEC staff (“Joint Staff”) are required to jointly prepare recommendations for adjustments to savings goals (see D.04-09-060, Ordering Paragraph 3). Joint Staff recommend that the CPUC continue to use the already-adopted goals for 2009-2011. It is not clear that a new round of goals updating for 2009-2011 would result in values substantially different from those in hand.
  - There are two countervailing forces. Market conditions and standards have evolved since the 2002 data used in the original goals adoption (implying EE potential might be lower). However, the 2002 potentials scope did not include all end use consumption, or non-hardware EE measures -- such as operations & maintenance or commissioning – (implying that potential could be higher).
  - PAG/PRG members generally felt program designs for 2006-2008 portfolios had room for improvement in terms of energy savings yield and/or cost efficiencies, implying that higher levels of energy savings are available.
- All parties (CPUC staff, utilities, and PAG and PRG members) have limited human resources to assign to goals-setting, planning and program design, 2006-08 portfolio administration, and 2004-05 and 2006-08 program evaluation. There is a consensus among utilities, Joint Staff, and PRG members that the best use of limited personnel

resources available for the 2009-2011 cycle is to focus on applying best practice designs to achieve the highest levels of cost-effective EE possible.

- Work on a wholesale updating of even medium-term goals will take time. CPUC expects to issue in Q1 2007 a contract to Itron to conduct a goals update. The earliest that preliminary, new high-level information could be vetted through workshops or other proceedings would be in fall 2007, with a Commission decision 2-3 months later. The more robust EE potential data needed to inform CPUC-adopted utility EE goals (see “Issues” discussion below regarding “Phase 2 potential and goals data”) would be available in summer 2008. This is too late to adopt in time for timely planning for the 2009-2011 portfolio.
- Moreover, the CPUC plans like to extend the scope of the EE Goals Update effort to 2020 in order to address AB 32 (GHG) needs, and to include post-2011 CEC projections on the likely impacts of future years of building and appliance standards. There needs to be sufficient time and care for developing these long-term goals and coordinating them with AB 32 efforts and the GHG reduction accounting framework.

#### **Issues to Address:**

##### What information is available to inform utility EE portfolio development so as to achieve 2009-2011 goals?

- Analyze if we are on-track with achieving the goals set for 2006-08. What feedback from implementation and market assessments is available to suggest useful improvements to program designs? What evidence suggests programs that should be expanded, contracted, or discontinued?
- The inherent lag between data from evaluation studies and their availability for future planning means that at best 2004-2005 cycle evaluations are available.
- Utilities (singly, jointly, and/or via DEER update) can make adjustments in measure-level savings estimates that are then employed in program design and implementation strategies by considering:
  - addition of new technologies (e.g. from Emerging Technologies activities),
  - water/energy nexus opportunities,
  - savings potential from operational and commissioning actions (non-hardware) not considered when goals adopted in 2004, and
  - elimination of savings from measures newly absorbed into codes & standards.
- Utilities can make adjustments in forward-looking market penetration estimates for program designs by
  - reviewing to-date participation and market assessment information, and
  - possibly increasing participation assumptions from voluntary actions motivated by expanded awareness and concerns about global warming and/or AB 32.
- Accomplishing the 2009-2011 energy savings goals will draw upon both the regular 2009-2011 EE program portfolio, and also the savings contributed by Low Income EE programs.

What information will be available to inform other energy efficiency target setting efforts by the CEC and the California Air Resources Board (CARB)?

- As per AB 2021, by November 2007 the CEC must adopt ten-year EE targets (2008 – 2017) for both statewide and publicly-owned utility jurisdictions. CPUC and CEC staffs have discussed an approach to utilize already adopted CPUC goals through 2013, and to extend the targets for four additional years.
- As per AB 32, CARB anticipates adopting by the end of 2007 targets through 2020 for the GHG reductions from the “load-based” (utility) sector (including contributions from utility EE programs), CEC codes and standards, and other action strategies.
- To accommodate this variety of timing requirements for goal or target setting, the CPUC staff envisions tasking its goals update consultant to work in two timeframes. An initial phase will use currently available data to develop high-level targets by August 2007 for the CEC and CARB activities. In a second phase the consultant will incorporate newly available information from ongoing program evaluations, market studies, and other sources to develop more refined data for use in updating goals. The greater refinement can consider EE opportunities by technologies, end use, and customer class sectors. The CPUC can draw upon this more robust information to modify existing EE goals for 2012-13 and to adopt new goals for 2014-2020.

## **2. INTRODUCE BIG, BOLD STRATEGIES FOR the 2009 – 2011 PORTFOLIO CONTENT AND BEYOND**

### **Recommendations:**

- ☐ Beyond the quantitative goals for energy savings (kWh, MW, therms), California utilities’ portfolios should reflect program designs that support significant, bold progress toward measurable market penetration goals.
  - These might be penetration goals for specific technologies, end uses, or market segments.
  - The utility program strategies should be structured as deliberate strategies in a larger, coordinated approach that might combine State (or national) standards and “market transformation” strategies (e.g., in coordination with the CEC, USDOE or USEPA for standards, and with manufacturers and retailers, and/or with other Western states for market transformation strategies).
- ☐ CPUC and CEC staffs propose that we move incrementally in this direction, starting in 2009-2011 by seeking 3-4 uniform, statewide programmatic strategies involving key end uses or building situations. The strategies could extend more broadly to coordinated targets, for example with other western states. The targeted utility program contributions must be translated into energy impact kW, kWh, and therms metrics.
- ☐ Suggested “big, bold” strategies to introduce for 2009-2011:
  1. Convert all general purpose and directional lighting in California to high efficiency light sources by 2017, through a combination of incentives, market activities, and

standards. Assign interim “soft” targets for 2009-2011, 2012-2014, and 2015-2017 for each contributing strategy.

2. X% of residential new construction and major residential renovations (during 2009-2011) to exceed Title 24 by 35%, and these levels would be incorporated into 2011 CEC Title 24 standards.<sup>1</sup>
3. X million sq. feet of existing commercial buildings (Y % of the market) would carry out owner/manager/operator actions to improve their energy efficiency by 20% over their 2008 baselines (documented via benchmarking). Develop a trajectory for similar targets in later years.
4. Achieve X% market penetration of SEGWHAI\*-qualifying residential and small commercial retrofit/replacement gas water heaters by 2011, Y % by 2014, and incorporate into Title 20 (or Title 24) building standards by 2014. (\* Super Efficient Gas Water Heating Appliance Initiative, along with California’s Food Service Technology Center and PIER, and Consortium for Energy Efficiency national efforts)

[Alternate target for possible consideration:]

- Achieve X% penetration of high-efficiency A/C systems in the retrofit/replacement residential and small commercial market segments. Systems also should be optimally sized and with high-quality installations and low-leakage duct work. This strategy might involve a national approach to climate-zone-related efficiency standards (e.g., hot-dry, warm-humid, and temperate zones).

#### **Rationale:**

- The addition of market and technology penetration strategic goals embraces the natural synergies among utility incentive programs, market transformation activities, and state and national minimum codes and standards.
- This approach can capture valuable information and ideas now being developed in ratepayer-supported Public Interest Energy Research (PIER) and EE Emerging Technologies efforts to incorporate into future utility program designs and standards.
- This integrated approach can help achieve “all cost-effective energy efficiency”. It also leverages interrelationships across a continuum of implementation policies to accomplish outcomes in an accelerated timeframe.
- 2009-2011 will serve as a transition cycle in introducing just 3-4 selected “big, bold” strategic targets. This transition period will allow utilities; states, federal government, and local agencies; manufacturers and retailers; and the building community and other stakeholders to establish necessary relationships and collaborate in the planning necessary to define multi-year integrated strategies to achieve bold levels of energy efficiency.

#### **Issues to Address:**

---

<sup>1</sup> The unquantified “X” and “Y” values are purposeful to underscore that these ideas are concepts to be further developed during the 2007 work on goals and policy rules.

- Consideration is needed for appropriate venues to accomplish the desired coordination across California stakeholders (CPUC, CEC, IOUs, public utilities, their trade associations, local governments, manufacturers and retailers, and other stakeholders.)
- Determination of savings attribution to utility versus non-utility market versus state codes and standards strategies.
- Identification of methods to formulate linkages on substance and funding among PIER, emerging technologies programs, and portfolio development decisions.
- Participation by stakeholders beyond California is desirable, but not guaranteed.
- Analysis and market evidence can support but not guarantee CEC commitments to include measures and efficiency levels in future California Title 20 or Title 24 standards.

### 3. INNOVATION

Separate from the “big, bold” strategies outlined above, EE policy rules need to ensure California utilities embrace program designs consistent with an adopted policy to achieve “all cost-effective energy efficiency” and to ensure that efficiency remains “first in the loading order” both for the quantify and timing in which energy efficiency is included in utility resource procurement plans.

#### **Recommendations:**

Change the policy rules in the following ways:

- ☐ Encourage head-to-head comparison among three types of programs – utility core, third-party, and “market transformation” styles of programs.<sup>2</sup> Consider:
  - Increasing the current minimum 20% of funds reserved for competitive “resource program” proposals to 30 or 40%, and/or
  - Requiring that utilities accept “all reasonable” non-utility resource programs that appear reliable and are more cost-effective than utility program strategies (subject to some balancing factors, and perhaps minimum program size requirements)
- ☐ Explicitly permit out-sourcing to third parties the implementation of what are now known as “statewide utility core programs” (e.g., Savings by Design, Express Efficiency) if out-sourced delivery would be more cost-effective.
- ☐ Identify “demand pull” efforts that can a) attract interest in EE measures from end users or intermediaries to help drive EE markets, and b) reduce the influence of “bribing” actions with incentives for “widgets”? (e.g., efforts might involve Flex Your Power campaigns, other market transformation strategies, Global Warming “What YOU can do” campaigns, etc.)

#### **Rationale:**

---

<sup>2</sup> The unquantified “X” and “Y” values are purposeful to underscore that these ideas are concepts to be further developed during the 2007 work on goals and policy rules.



- PAG and PRG feedback suggests there may be too much “cream-skimming” or failure to avoid “lost opportunities” in the utilities’ approaches to achieving short-term EE goals for the current program cycle. It is not clear that current program designs are “digging deeper” to capture more robust sets of EE actions in contact with individual end users and facilities.
- Observations suggest some third-party and partnership programs offer much higher benefit/cost ratios than some of the utility core programs.
- Program logic models developed for the current individual program designs may not always reflect Best Practice, and/or mirror actual program implementation techniques.

#### **4. COORDINATION WITH CALIFORNIA’S AB 32 EFFORTS TO REDUCE GLOBAL WARMING**

##### **Recommendation:**

- ☐ Accomplish close coordination among the governmental and stakeholder representatives involved in formulating 2009-2011 portfolio development, 2012-2020 long-term efficiency goals setting, and AB 32 strategies.

##### **Rationale:**

- This approach reflects the increased impetus given to energy efficiency as a key element of achieving GHG reduction goals.
- This focus will ensure all parties seize opportunities to integrate 2020 efficiency goals, “big, bold” efficiency strategies, and public interest in global warming mitigation.
- Various analyses and action plans will be assigning GHG reduction targets and strategies to the commissions, utilities, end users, and others. It is important that there be consistent and clear understanding of expectations that properly assign goals and cost responsibilities, without double-counting or unexpected gaps.
- There is a particular opportunity to integrate public communication and program delivery between energy efficiency and global warming mitigation efforts. This also should include coordination with local government efforts to reduce GHG emissions.

#### **5. ADVISORY FRAMEWORK**

Feedback from the 2005-2006 experience with the Public Advisory Groups (PAGs) and Peer Review Group (PRG) suggests there are several changes warranted for the 2009-2011 portfolios development. These would require changes to the policy rules.

##### **Recommendations:**

- ☐ Re-frame the roles and membership of PAGs and PRGs to ensure their focus on achieving innovation and effective programmatic strategies, in addition to ensuring integrity of the selection of non-utility implementers and partners. Place more emphasis on input to planning and strategies, and less to what some perceive as being asked to give “rubber stamp” approval to already-designed programs.
- ☐ Give greater respect to PAG member roles by keeping records of questions and recommendations and ensuring a feedback loop to provide answers and closure.

- ☐ Focus on a single statewide PAG organization to ensure a focus on statewide approaches to EE markets. Make optional the use of local PAGs for individual service areas.
- ☐ Identify means to compensate (otherwise uncompensated) members for their time via honoraria and reimbursed travel expenses.
- ☐ Utilize paid expert consultants who advise both the utilities and PAG members on target measures and implementation strategies. The PAGs should not be viewed as a substitute for external expertise.
- ☐ Eliminate discussion of cost-effectiveness issues at the PAG level so that PAG members need not be expert in understanding Standard Practice Manual and E3 calculations. Move oversight on that dimension to the PRGs.
- ☐ Give the PRGs greater independent input to both utilities and also the CPUC Energy Division and DRA staff. Do this by ensuring adequate time to review filings/plans with, so as to not feel pressured to be a "rubber stamp". The PRG reports on portfolios should follow the completion of the portfolios, and should not be prepared in parallel based on seeing incomplete drafts of portfolio content.
- ☐ Encourage use of a forum to incorporate dialogue between publicly-owned utilities and IOUs, together with the CEC and CPUC, toward a goal of more uniform statewide programmatic strategies.

**Rationale:**

- PAG meetings helped in forming the 2006-08 portfolios, but required extensive time from everyone involved. PAG members were asked to give more time than they had anticipated, and utility staff devoted substantial amounts of time to organizing and running the meetings. Utilities would prefer to see a narrower role for PAG(s), perhaps meeting primarily at the front end of putting portfolio together. If that is insufficient, then PAG meetings might be no more frequent than quarterly. PAG members would like to better understand the time obligations with being a PAG member, with the probably result that high time expectations will diminish willingness to participate, especially on a volunteer basis.
- There is widespread feeling that the PRG(s) offered valuable statewide overview & thinking due to the greater knowledge, commitment, and time availability from the individuals whose organizations could support their involvement as (primarily paid) PRG members. This cadre of knowledgeable individuals could be enhanced with the selective use of additional paid expert consultants.
- There is a commonly-held view that the PRG helps ensure a fair process for selection of third-party implementation proposals and a corollary reduction in potential external complaints on the process.

**Issues to Address:**

- CPUC & CEC staff resources are limited. PAG and PRG members need to have reasonable access to non-utility expertise in performing the PAG/PRG oversight. Utilities themselves also should be encouraged to utilize expert advice and assistance in formulating portfolios. Thus there needs to be a negotiated plan between the utilities and their PAG/PRG members to arrange for adequate external

advice on a range of topics. These might include EE achievable potential, measure savings, program design choices, market segment analysis, and/or applying program logic models.

## **6. PROCESS AND SCHEDULE**

### **Recommendations:**

#### **2009-2011 EE Portfolio Development**

##### ☐ 2009-2011 Portfolio Schedule

- Establish 2009-2011 goals and the rules/criteria for portfolio development, including competitive solicitations, by summer 2007.
- Utility/ PAG-PRG planning process to start by late/end of 2007.
- Third party proposals due by end of 2007.
- Portfolio filings by spring 2008; this would be a single filing, that contains all utility, 3rd party, and partnership programs.
- CPUC approval of portfolios by July or August 2008.
- Contracts and other implementation preparation through balance of 2008.

##### ☐ 2009-2011 Portfolio Rationale

- Save time by the CPUC either endorsing use of the same rules for 3rd party criteria as before, or adopting new ones by summer 2007. (See joint filing on statewide bid process recommendations, already submitted)
- Focus personnel energies on best possible program designs and EE savings opportunities. Do not cause a lot of “make-work” meetings or paperwork.

#### **2012 – 2020 EE Goals**

##### ☐ 2012-2020 Goals Schedule

- Energy Division consultant preliminary recommendations for updated goals for 2012 to 2020 issued for comment August 2007.
- Commission adopts preliminary 2012–2020 goals December 2007.
- Energy Division consultant revised recommendations for updated goals for 2012 to 2020 issued for comment Summer 2008.
- Commission updates adopted 2012 – 2020 goals by 1st quarter 2009.

##### ☐ 2012-2020 Goals Rationale

- This schedule allows the Commission to provide preliminary goals for 2012-2020 that the California Air Resources Board can use for its planning process per AB 32 by the end of 2007. The Commission can subsequently update these goals, based on a more thorough analysis and report by its consultants and following a more deliberate public vetting process in 2008.

- This schedule allows the Commission to adopt updated goals for the utilities for the 2012 to 2020 to feed into the CEC's 2009 IEPR process and its first report and update for the AB 2021 targets due November 2010.
- This schedule will establish goals in time for the 2012 -2014 program planning cycle which should start in 1st quarter 2010.

**Issues to Address:**

- CPUC & CEC plan to work as collaborative staff on staff proposal and stakeholder input process. The agencies still need to determine whether to seek joint endorsement via Energy Action Plan forum, and/or separately through applicable CEC and CPUC proceedings.
- Utilities would conduct solicitations and select (at least on high-level basis) 3rd party program approaches ahead of the single filing to enable selecting portfolio with comparison of 3rd party and utility core program approaches.
- Create expectations to focus new program strategies around the “big bold” targets, with more incremental improvements to other programs and their designs.
- If one objective is to see more long-term strategies, would greater attention to preparation of “program logic models” (PLMs) be helpful? If so, does there need to be better understanding and use of this approach?
- Portfolio programs would be expected to indicate any applicable coordination in delivery mechanisms that might be contemplated with Low Income Energy Efficiency programs.
- Develop further policy guidance on how much uniformity and/or statewide programs there should be. In general, we want to dramatically reduce the now 200+ programs. This is too many for the public to understand, counter-productive with a desire for more statewide programs including public utilities, too much differentiation for PAGs and PRGs to deal with, and too many for administering a program evaluation framework.

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST

\*\*\*\*\* APPEARANCES \*\*\*\*\*

Gerald Lahr  
ASSOCIATION OF BAY AREA GOVERNMENTS  
101 8TH STREET  
OAKLAND CA 94607  
(510) 464-7908  
jerryl@abag.ca.gov  
For: ABAG

Tom Eckhart  
CAL - UCONS, INC.  
10612 NE 46TH STREET  
KIRKLAND WA 98033  
(425) 576-5409  
tom@ucons.com

Peter Canessa  
CALIFORNIA STATE UNIVERSITY, FRESNO  
665 ASILO  
ARROYO GRANDE CA 93420  
(559) 473-0847  
pcanessa@charter.net  
For: CSUF

Mary Ann Dickinson  
Executive Director  
CALIFORNIA URBAN WATER CONSERVATION  
455 CAPITOL MAIL, SUITE 703  
SACRAMENTO CA 95814  
(916) 552-5885  
maryann@cuwcc.org

Jeanne M. Sole  
Deputy City Attorney  
CITY AND COUNTY OF SAN FRANCISCO  
1 DR. CARLTON B. GOODLETT PLACE, RM. 234  
SAN FRANCISCO CA 94102  
(415) 554-4619  
jeanne.sole@sfgov.org  
For: City and County of San Francisco

Tamlyn M. Hunt  
Energy Program Director  
COMMUNITY ENVIRONMENTAL COUNCIL  
26 W. ANAPAMU ST., 2/F  
SANTA BARBARA CA 93101  
(805) 963-0583 122  
thunt@cecmail.org  
For: Community Environmental Council

Lynn Haug  
GREGG WHEATLAND  
ELLISON, SCHNEIDER & HARRIS, LLP  
2015 H STREET  
SACRAMENTO CA 95816  
(916) 447-2166  
lmh@eslawfirm.com  
For: Dept. of General Services/Energy Policy Advisory  
Committee

Robert E. Burt  
INSULATION CONTRACTORS ASSN.  
4153 NORTHGATE BLVD., NO.6  
SACRAMENTO CA 95834  
(916) 568-1826  
bburt@macnexus.org  
For: Insulation Contractors Assn.

Jody London  
JODY LONDON CONSULTING  
PO BOX 3629  
OAKLAND CA 94609  
(501) 459-0667  
jody\_london\_consulting@earthlink.net  
For: County of Los Angeles, Internal Services Department

Diana L. Lee  
Legal Division  
RM. 4300  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-4342  
dil@cpuc.ca.gov

Thomas S. Crooks  
Director  
MCR PERFORMANCE SOLUTIONS  
1020 SUNCAST LANE, SUITE 108  
EL DORADO HILLS CA 95672  
(916) 932-0113  
tcrooks@mcr-group.com  
For: MCR Performance Solutions

Don Meek  
Attorney At Law  
10949 SW 4TH AVENUE  
PORTLAND OR 97219  
For: Women's Energy Matters

Cynthia K. Mitchell  
530 COLGATE COURT  
RENO NV 89503  
(775) 324-5300  
ckmitchell1@sbcglobal.net  
For: TURN

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST

Audrey Chang  
ERIC WANLESS  
NATURAL RESOURCES DEFENSE COUNCIL  
111 SUTTER STREET, 20TH FLOOR  
SAN FRANCISCO CA 94104  
(415) 875-6100  
achang@nrdc.org  
For: Natural Resources Defense Council (NRDC)

Chonda J. Nwamu  
PETER OUBORG  
Attorney At Law  
PACIFIC GAS AND ELECTRIC COMPANY  
77 BEALE STREET, B30A  
SAN FRANCISCO CA 94105  
(415) 973-6650  
cjn3@pge.com  
For: Pacific Gas and Electric

Gail L. Slocum  
ANDREW L. NIVEN  
PACIFIC GAS AND ELECTRIC COMPANY  
ROOM 3151  
77 BEALE STREET  
SAN FRANCISCO CA 94120  
(415) 973-6583  
glsg@pge.com  
For: Pacific Gas and Electric Company

Shirley A. Woo  
Attorney At Law  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 7442  
SAN FRANCISCO CA 94120  
(415) 973-2248  
SAW0@pge.com  
For: Pacific Gas and Electric Company

J. Andrew Hoerner  
REDEFINING PROGRESS  
1904 FRANKLIN STREET  
OAKLAND CA 94612  
(510) 507-4820  
hoerner@redefiningprogress.org  
For: Redefining Progress

Amber W. Watkins  
RLW ANALYTICS, INC  
1055 BROADWAY, SUITE G  
SONOMA CA 95476  
(707) 939-8823 X 10  
amber.watkins@rlw.com

Carlos F. Pena  
Attorney At Law  
SAN DIEGO GAS & ELECTRIC COMPANY  
101 ASH STREET  
SAN DIEGO CA 92101  
(619) 696-4320  
cfpena@sempira.com  
For: San Diego Gas & Electric/SoCal Gas

Steven D. Patrick  
SAN DIEGO GAS & ELECTRIC COMPANY  
555 WEST FIFTH STREET, SUITE 1400  
LOS ANGELES CA 90013-1011  
(213) 244-2954  
spatrick@sempira.com  
For: San Diego Gas & Electric Company and Southern California  
Gas Company

Irene M. Stillings  
SAN DIEGO REGIONAL ENERGY OFFICE  
8520 TECH WAY, SUITE 110  
SAN DIEGO CA 92123  
(858) 244-1192  
irene.stillings@sdenergy.org  
For: San Diego Regional Energy Office

Richard Esteves  
SESCO, INC.  
77 YACHT CLUB DRIVE  
LAKE HOPATCONG NJ 07849  
(973) 663-5125  
sesco@optonline.net  
For: SESCO

Hank Ryan  
SMALL BUSINESS CALIFORNIA  
325 30TH AVENUE  
SANTA CRUZ CA 95062  
(510) 459-9683  
hryan@smallbusinesscalifornia.org  
For: Small Business California

Michele Swanson  
SOUTH BAY CITIES COUNCIL OF GOVERNMENTS  
3868 CARSON STREET, SUITE 110  
TORRANCE CA 90503  
(310) 543-3022  
michele@sbesc.com  
For: South Bay Energy Savings Center

Larry R. Cope  
MIKE MONTOYA - Attorney At Law  
SOUTHERN CALIFORNIA EDISON  
2244 WALNUT GROVE AVENUE  
ROSEMEAD CA 91770  
(626) 302-3477

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST

larry.cope@sce.com  
For: Southern California Edison

Michael Boccadoro  
THE DOLPHIN GROUP  
925 L STREET, SUITE 800  
SACRAMENTO CA 95814  
(916) 441-4383  
mboccadoro@dolphingroup.org  
For: Inland Empire Utilities, Chino Basin Coalition,  
Santa Ana Watershed Project Authority

Nilgun Atamturk  
Executive Division  
RM. 5303  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-4953  
nil@cpuc.ca.gov

Diana Mahmud  
Attorney At Law  
THE METROPOLITAN WATER DISTRICT OF SOUTH  
PO BOX 54153  
LOS ANGELES CA 90054-0153  
(213) 217-6985  
dmahmud@mwldh2o.com  
For: The Metropolitan Water District of Southern  
California

Gary Klein  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH STREET  
SACRAMENTO CA 95814  
(916) 653-8555  
gklein@energy.state.ca.us

Hayley Goodson  
Attorney At Law  
THE UTILITY REFORM NETWORK  
711 VAN NESS AVENUE, SUITE 350  
SAN FRANCISCO CA 94102  
(415) 929-8876  
hayley@turn.org  
For: TURN

Michael Messenger  
CALIFORNIA ENERGY COMMISSION  
1516 9TH STREET  
SACRAMENTO CA 95814  
(916) 654-4774  
Mmesseng@energy.state.ca.us

Marcel Hawiger  
Attorney At Law  
THE UTILITY REFORM NETWORK  
711 VAN NESS AVENUE, SUITE 350  
SAN FRANCISCO CA 94102  
(415) 929-8876  
marcel@turn.org  
For: TURN

Nancy Jenkins, P.E.  
Manager  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH STREET MS-43  
SACRAMENTO CA 95814

Sylvia Bender  
CALIFORNIA ENERGY COMMISSION  
1516 9TH STREET, MS22  
SACRAMENTO CA 95814  
(916) 653-6841  
sbender@energy.state.ca.us

Robert C. Wilkinson  
Director, Water Policy Program  
4426 BREN BUILDING  
SANTA BARBARA CA 93106  
wilkinson@es.ucsb.edu

Jeanne Clinton  
Executive Division  
RM. 4102  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-1159  
cln@cpuc.ca.gov

Barbara George  
WOMEN'S ENERGY MATTERS  
PO BOX 548  
FAIRFAX CA 94978  
(510) 915-6215  
wem@igc.org  
For: Women's Energy Matters (WEM)

Cheryl Cox  
Division of Ratepayer Advocates  
RM. 4209  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-3027  
cxc@cpuc.ca.gov  
For: DRA

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST

\*\*\*\*\* STATE EMPLOYEE \*\*\*\*\*

Fred L. Curry  
Water Division  
RM. 3106  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-1739  
flc@cpuc.ca.gov

Tim G. Drew  
Energy Division  
AREA 4-A  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-5618  
zap@cpuc.ca.gov

Meg Gottstein  
Administrative Law Judge  
PO BOX 210/21496 NATIONAL STREET  
VOLCANO CA 95689  
(209) 296-4979  
gottstein@volcano.net

Nora Y. Gatchalian  
Water Division  
AREA 3-C  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-2144  
nyg@cpuc.ca.gov

Meg Gottstein  
Administrative Law Judge Division  
RM. 2106  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-4802  
meg@cpuc.ca.gov

Mikhail Haramati  
Energy Division  
AREA 4-A  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-1458  
mkh@cpuc.ca.gov

Edward Howard  
Division of Strategic Planning  
RM. 5110  
505 VAN NESS AVE  
San Francisco CA 94102 3298

Judith Ikle  
Energy Division  
RM. 4012  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-1486  
jci@cpuc.ca.gov

Peter Lai  
Energy Division  
RM. 500  
320 WEST 4TH STREET SUITE 500  
Los Angeles CA 90013  
(213) 576-7087  
ppl@cpuc.ca.gov

Kim Malcolm  
Administrative Law Judge Division  
RM. 5005  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-2822  
kim@cpuc.ca.gov

Ariana Merlino  
Energy Division  
1350 FRONT ST., STATE BLDG. ROOM 4006  
San Diego CA 92101  
(619) 525-4220  
ru4@cpuc.ca.gov

Thomas Roberts  
Division of Ratepayer Advocates  
RM. 4205  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-5278  
tcr@cpuc.ca.gov

Don Schultz  
Division of Ratepayer Advocates  
RM. SCTO  
770 L STREET, SUITE 1050  
Sacramento CA 95814  
(916) 327-2409  
dks@cpuc.ca.gov  
For: DRA

Joyce Steingass  
Division of Ratepayer Advocates  
RM. 4104  
505 VAN NESS AVE



\*\*\*\*\* SERVICE LIST \*\*\*\*\*

Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST

(415) 703-1114  
trh@cpuc.ca.gov

George S. Tagnipes  
Energy Division  
AREA 4-A  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-2451  
jst@cpuc.ca.gov

Christine S. Tam  
Division of Ratepayer Advocates  
RM. 4209  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 355-5556  
tam@cpuc.ca.gov  
For: DRA

Zenaida G. Tapawan-Conway  
Energy Division  
AREA 4-A  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-2624  
ztc@cpuc.ca.gov

Christopher R Villarreal  
Division of Strategic Planning  
RM. 5119  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-1566  
crv@cpuc.ca.gov

Steven A. Weissman  
Administrative Law Judge Division  
RM. 5107  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-2195  
saw@cpuc.ca.gov

Pamela Wellner  
Energy Division  
AREA 4-A  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-5906  
pw1@cpuc.ca.gov

Michael Wheeler  
Energy Division  
AREA 4-A  
505 VAN NESS AVE

San Francisco CA 94102 3298  
(415) 355-5532  
jws@cpuc.ca.gov

Sean Wilson  
Water Division  
AREA 3-C  
505 VAN NESS AVE  
San Francisco CA 94102 3298  
(415) 703-1818  
smw@cpuc.ca.gov

\*\*\*\*\* INFORMATION ONLY \*\*\*\*\*

John Laun  
APOGEE INTERACTIVE, INC.  
1220 ROSECRANS ST., SUITE 308  
SAN DIEGO CA 92106  
(619) 840-4804  
jlaun@apogee.net

Bruce McLaughlin  
BRAUN & BLAISING, P.C.  
915 L STREET, SUITE 1420  
SACRAMENTO CA 95814  
(916) 326-5812  
mclaughlin@braunlegal.com

Peter C. Jacobs  
BUILDING METRICS INC.  
2540 FRONTIER AVE. SUITE 100  
BOULDER CO 80301  
(303) 444-4289  
pjacobs@buildingmetrics.biz

Janet Whittick  
BUSINESS ENERGY COALITION  
MC B8R, PGE  
PO BOX 770000  
SAN FRANCISCO CA 94177-0001  
(415) 973-5445  
jewz@pge.com

Ed Osann  
Executive Director  
CALIF. URBAN WATER CONSERVATION COUNCIL  
1001 CONNECTICUT AVE., NW. SUITE 801  
WASHINGTON DC 20036  
(202) 429-8873  
eosann@starpower.net

Bill Kelly  
Correspondent  
CALIFORNIA ENERGY CIRCUIT  
PO BOX 1022

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

**Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST**

San Francisco CA 94102 3298  
(415) 703-5147  
mmw@cpuc.ca.gov

SOUTH PASADENA CA 91031  
(626) 441-2112  
southlandreports@earthlink.net

Richard Sapudar  
CALIFORNIA ENERGY COMMISSION  
1516 NINTH STREET  
SACRAMENTO CA 95814  
(916) 653-4521  
rsapudar@energy.state.ca.us

Ted Flanigan  
ECOMOTION - THE POWER OF THE INCREMENT  
1537 BARRANCA PARKWAY, SUITE F-104  
IRVINE CA 92618  
(949) 450-7155  
TFlanigan@EcoMotion.us

CALIFORNIA ENERGY MARKETS  
517-B POTRERO AVENUE  
SAN FRANCISCO CA 94110  
CEM@newsdata.com

Crystal Needham  
Senior Director, Counsel  
EDISON MISSION ENERGY  
18101 VON KARMAN AVE., STE 1700  
IRVINE DC 92612-1046  
(949) 798-7977  
cneedham@edisonmission.com

John Celona  
505 VISTA AVENUE  
SAN CARLOS CA 94070  
(650) 802-9201  
jcelona@sbcglobal.net

Walter Mcguire  
EFFICIENCY PARTNERSHIP  
2962 FILLMORE STREET  
SAN FRANCISCO CA 94123  
(415) 775-7571  
wmcguire@fypower.org

Michael Cheng  
2723 HARLAND COURT  
WALNUT CREEK CA 94598  
(925) 947-2188  
michael.cheng@paconsulting.com

Shaun Ellis  
2183 UNION STREET  
SAN FRANCISCO CA 94123  
(415) 771-7571 317  
sellis@fypower.org

Ann Kelly  
Department Of The Environment  
CITY AND COUNTY OF SAN FRANCISCO  
11 GROVE STREET  
SAN FRANCISCO CA 94102  
(415) 355-3720  
ann.kelly@sfgov.org

Tom Hamilton  
Managing Partner  
ENERGY CONCIERGE SERVICES  
321 MESA LILA RD  
GLENDALE CA 91208  
(818) 306-5099  
THAMILTON5@CHARTER.NET

Nora Hernandez  
COUNTY OF LOS ANGELES-INTERNAL SERVICES  
1100 N. EASTERN AVENUE  
LOS ANGELES CA 90063  
(323) 881-3949  
nhernandez@isd.co.la.ca.us

Norman J. Furuta  
FEDERAL EXECUTIVE AGENCIES  
333 MARKET STREET, 10TH FLOOR, MS 1021A  
SAN FRANCISCO CA 94105-2195  
(415) 977-8808  
norman.furuta@navy.mil

Gene Thomas  
ECOLOGY ACTION  
211 RIVER STREET  
SANTA CRUZ CA 95060  
(831) 426-5925  
gthomas@ecoact.org

Larry L. Bye  
FIELD RESEARCH CORPORATION  
222 SUTTER STREET SUITE 700  
SAN FRANCISCO CA 94108  
(415) 392-5763  
larryb@field.com

Mahlon Aldridge  
ECOLOGY ACTION, INC.  
PO BOX 1188  
SANTA CRUZ CA 95061  
(831) 426-5925 X 116  
emahlon@ecoact.org

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST

Thomas P. Conlon  
President  
GEOPRAXIS  
PO BOX 5  
SONOMA CA 95476-0005  
(707) 280-1529  
tconlon@geopraxis.com

Dave Gordon  
Program Manager  
SAN DIEGO REGIONAL ENERGY OFFICE  
8510 TECH WAY, SUITE 110  
SAN DIEGO CA 92123-1450  
david.gordon@sdenenergy.org

Dr. Hugh (Gil) Peach  
H GIL PEACH & ASSOCIATES LLC  
16232 NW OAKHILLS DRIVE  
BEAVERTON OR 97006  
(503) 645-0716  
hgilpeach@scanamerica.net

Douglas E. Mahone  
HESCHONG MAHONE GROUP  
11626 FAIR OAKS BLVD., 302  
FAIR OAKS CA 95628  
(916) 962-7001  
dmahone@h-m-g.com

Jennifer Holmes  
ITRON INC.  
11236 EL CAMINO REAL  
SAN DIEGO CA 92130  
(831) 457-9822  
jennifer.holmes@itron.com

Alex Kang  
ITRON, INC.  
1111 BROADWAY, STE. 1800  
OAKLAND CA 94607  
(510) 844-2896  
alex.kang@itron.com

John Cavalli  
ITRON, INC.  
1111 BROADWAY, STE. 1800  
OAKLAND CA 94607  
(510) 844-2876  
john.cavalli@itron.com

Rachel Harcharik  
ITRON, INC.  
11236 EL CAMINO REAL  
SAN DIEGO CA 92130  
(858) 724-2638  
rachel.harcharik@itron.com

Bob Ramirez  
ITRON, INC. (CONSULTING & ANALYSIS DIV.)  
11236 EL CAMINO REAL  
SAN DIEGO CA 92130  
(858) 724-2650  
bob.ramirez@itron.com

Jeff Hirsch  
JAMES J. HIRSCH & ASSOCIATES  
12185 PRESILLA ROAD  
CAMARILLO CA 93012-9243  
(805) 553-9000  
Jeff.Hirsch@DOE2.com

Katie Shulte Joung  
455 CAPITOL MALL, SUITE 703  
SACRAMENTO CA 95814  
(916) 552-5885  
katie@cuwcc.org

Kurt J. Kammerer  
K. J. KAMMERER & ASSOCIATES  
PO BOX 60738  
SAN DIEGO CA 92166-8738  
(619) 546-6175  
kjk@kjkammerer.com

Edward Vine  
LAWRENCE BERKELEY NATIONAL LABORATORY  
BUILDING 90-4000  
BERKELEY CA 94720  
(510) 486-6047  
elvine@lbl.gov

David R. Pettijohn  
Manager, Water Resources Development  
LOS ANGELES DEPT. OF WATER & POWER  
111 NORTH HOPE STREET, ROOM 1460  
LOS ANGELES CA 90012  
(213) 367-0899  
David.Pettijohn@ladwp.com

Richard Mccann  
M.CUBED

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST

2655 PORTAGE BAY ROAD, SUITE 3  
DAVIS CA 95616  
(530) 757-6363  
rmccann@umich.edu

Peter Miller  
Consultant  
1834 DELAWARE STREET  
BERKELEY CA 94703  
(510) 847-5161  
p.miller@earthlink.net

Carl Duisberg  
PACIFIC GAS AND ELECTRIC COMPANY  
77 BEALE STREET, B9A  
SAN FRANCISCO CA 94105  
(415) 973-1981  
C1D7@pge.com

MRW & ASSOCIATES, INC.  
1814 FRANKLIN STREET, SUITE 720  
OAKLAND CA 94612  
(510) 834-1999  
mrw@mrwassoc.com

Frank Diaz  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000 MAIL CODE B9A  
SAN FRANCISCO CA 94177  
(415) 973-1713  
fdd3@pge.com

Devra Wang  
SHERYL CARTER, PETER MILLER  
NATURAL RESOURCES DEFENSE COUNCIL  
111 SUTTER STREET, 20TH FLOOR  
SAN FRANCISCO CA 94104  
(415) 875-6100  
dwang@nrdc.org

Jay Luboff  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000, MC B9A  
SAN FRANCISCO CA 94177  
(415) 973-5241  
J1Ly@pge.com

Eric Wanless  
NATURAL RESOURCES DEFENSE COUNCIL  
111 SUTTER STREET, 20TH FLOOR  
SAN FRANCISCO CA 94104  
(415) 875-6100  
ewanless@nrdc.org

Jennifer Barnes  
PACIFIC GAS AND ELECTRIC COMPANY  
MAIL STOP N6G  
PO BOX 770000  
SAN FRANCISCO CA 94177  
(415) 973-2797  
j5b2@pge.com

Laurie Park  
NAVIGANT CONSULTING, INC.  
3100 ZINFANDEL DRIVE, SUITE 600  
RANCHO CORDOVA CA 95670-6078  
(916) 631-3200  
lpark@navigantconsulting.com

Josephine Wu  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000, MAIL CODE B9A  
SAN FRANCISCO CA 94177  
(415) 973-3414  
jwwd@pge.com

Terry M. Fry  
NEXANT, INC.  
101 SECOND STREET, 10TH FLOOR  
SAN FRANCISCO CA 94105  
(415) 369-1021  
tmfry@nexant.com

Rafael Friedmann  
Supervisor Customer Energy Efficiency  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000  
SAN FRANCISCO CA 94177-0001  
(415) 972-5799  
rafi@pge.com

Andy Goett  
PA CONSULTING GROUP  
425 MARKET STREET, 22ND FLOOR  
SAN FRANCISCO CA 94105  
(415) 955-2619  
andy.goett@paconsulting.com

William C. Miller  
PACIFIC GAS AND ELECTRIC COMPANY  
PO BOX 770000  
SAN FRANCISCO CA 94177  
(415) 973-4911  
wcm2@pge.com

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST

Carl Pechman  
POWER ECONOMICS  
901 CENTER STREET  
SANTA CRUZ CA 95060  
cpechman@powereconomics.com

Kenny Swain  
POWER ECONOMICS  
901 CENTER STREET  
SANTA CRUZ CA 95060  
(813) 427-9990  
kswain@powereconomics.com

Brian Hedman  
Vice President  
QUANTEC, LLC  
720 SW WASHINGTON STREET, STE 400  
PORTLAND OR 97205  
(503) 228-2992  
brian.hedman@quantecllc.com

Eileen Parker  
QUEST  
2001 ADDISON STREET, STE. 300  
BERKELEY CA 94704  
(510) 540-7200  
eparker@qcworld.com

Shilpa Ramalya  
77 BEALE STREET, ROOM 981  
SAN FRANCISCO CA 94105  
(415) 973-3186  
srrd@pge.com

Lauren Casentini  
RESOURCE SOLUTIONS GROUP, INC.  
711 MAIN STREET  
HALF MOON BAY CA 94019  
(650) 726-5113  
lcasentini@rsggrp.com

Robert Kasman  
RLW ANALYTICS  
1055 BROADWAY, SUITE G  
SONOMA CA 95476  
(707) 939-8823 X 32  
robert.kasman@rlw.com

Stacia Okura  
RLW ANALYTICS, INC.  
1055 BROADWAY, SUITE G  
SONOMA CA 95476  
(707) 939-8823 X 17  
stacia.okura@rlw.com

Robert Mowris, P.E.  
ROBERT MOWRIS & ASSOCIATES  
PO BOX 2141  
OLYMPIC VALLEY CA 96145  
(530) 583-1570  
rmowris@earthlink.net

Jill Rugani  
RUNYON SALTZMAN & EINHORN, INC.  
ONE CAPITOL MALL, SUITE 400  
SACRAMENTO CA 95814  
jrugani@rs-e.com

Molly Harcos  
RUNYON, SALTZMAN & EINHORN, INC.  
1 CAPITOL MALL, SUITE 400  
SACRAMENTO CA 95814  
(916) 446-9900  
mharcos@rs-e.com

Joy C. Yamagata  
Regulatory Manager  
SAN DIEGO GAS & ELECTRIC/SOCALGAS  
8330 CENTURY PARK COURT, CP 32 D  
SAN DIEGO CA 92123  
(858) 654-1755  
jyamagata@semprautilities.com

Central Files  
SAN DIEGO GAS AND ELECTRIC COMPANY  
8330 CENTURY PARK COURT, CP31E  
SAN DIEGO CA 92123  
(858) 654-1240  
centralfiles@semprautilities.com

Jennifer Porter  
Policy Analyst  
SAN DIEGO REGIONAL ENERGY OFFICE  
8690 BALBOA AVENUE  
SAN DIEGO CA 92123  
(858) 244-1180  
jennifer.porter@sdenergy.org

Sephra A. Ninow  
Research Assistant  
SAN DIEGO REGIONAL ENERGY OFFICE  
8690 BALBOA AVENUE, SUITE 100  
SAN DIEGO CA 92123  
(858) 244-1186  
sephra.Ninow@sdenergy.org

\*\*\*\*\* SERVICE LIST \*\*\*\*\*

**Last Update on 06-FEB-2007 by: LIL  
R0604010 LIST**

Michael Baker  
Vice President  
SBW CONSULTING, INC.  
2820 NORTHUP WAY, SUITE 230  
BELLEVUE WA 98004  
(425) 827-0330  
mbaker@sbwconsulting.com

Dan Geis  
THE DOLPHIN GROUP  
925 L STREET, SUITE 800  
SACRAMENTO CA 95814  
(916) 441-4383  
dgeis@dolphingroup.org  
For: Inland Empries Utilities Agency

Don Arambula  
SOUTHERN CALIFORNIA EDISON  
2131 WALNUT GROVE AVENUE  
ROSEMEAD CA 91770  
(626) 302-8179  
don.arambula@sce.com

Grey Staples  
THE MENDOTA GROUP, LLC  
1830 FARO LANE  
SAINT PAUL MN 55118  
(651) 204-0458  
gstaples@mendotagroup.net

Case Administration  
SOUTHERN CALIFORNIA EDISON COMPANY  
2244 WALNUT GROVE AVENUE  
ROSEMEAD CA 91770  
(626) 302-3003  
case.admin@sce.com

Timothy A. Blair  
THE METROPOLITAN WATER DISTRICT  
700 N. ALAMEDA STREET  
LOS ANGELES CA 90012  
tblair@mwdh2o.com

Tory S. Weber  
SOUTHERN CALIFORNIA EDISON COMPANY  
2131 WALNUT GROVE AVENUE  
ROSEMEAD CA 91770  
(626) 302-8186  
tory.weber@sce.com

William P. McDonnell  
THE METROPOLITAN WATER DISTRICT  
700 N. ALAMEDA STREET  
LOS ANGELES CA 90012  
bmcdonnell@mwdh2o.com

Nikhil Gandhi  
STRATEGIC ENERGY TECHNOLOGIES, INC.  
17 WILLIS HOLDEN DRIVE  
ACTON MA 01720  
(978) 264-0511  
gandhi.nikhil@verizon.net

Craig Tyler  
TYLER & ASSOCIATES  
2760 SHASTA ROAD  
BERKELEY CA 94708  
(510) 841-8038  
craigtyler@comcast.net

Patricia Thompson  
SUMMIT BLUE CONSULTING  
1766 LACASSIE AVE. SUITE 103  
WALNUT CREEK CA 94596  
(925) 935-0270  
pthompson@summitblue.com

Cheryl Collart  
VENTURA COUNTY REGIONAL ENERGY ALLIANCE  
1000 SOUTH HILL ROAD, STE. 230  
VENTURA CA 93003  
(805) 289-3335  
cheryl.collart@ventura.org

Melissa Mcguire  
SUMMIT BLUE CONSULTING LLC  
1722 14TH STREET, SUITE 230  
BOULDER CO 80302  
(720) 564-1130  
mmcguire@summitblue.com

Stephen F. Hall  
Senior Consultant  
WILLIS ENERGY SERVICES LTD.  
500 - 885 DUNSMUIR STREET  
VANCOUVER BC V6C 1N5  
CANADA  
(604) 685-2206  
shall@willsenergy.com